

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. - 7. (Canceled)

8. (Currently Amended) A single-phase motor comprising:

a stator including a stator iron core formed by laminating a plurality of electromagnetic steel sheets and provided with a plurality of ~~[[slot]]~~ slots, each of which is arranged between each of a plurality of stator teeth, and

single-phase two-pole distributed windings composed of a main winding and an auxiliary winding contained in ~~the slot~~ respective slots;

a rotor placed through a gap on an inner circumference of the stator; and

a plurality of ~~evenly spaced semicircular~~ notches having an approximately same width as the stator teeth and ~~each provided at an outer side of each of the plurality of stator teeth~~ on an outer circumference of the stator iron core ~~wherein the number of semicircular notches corresponds to the number of stator teeth~~.

wherein a notch is not provided at an outer circumferential side of a slot in which the main winding is inserted among the plurality of slots.

9. (Original) A hermetic compressor comprising the single-phase motor of claim 8.

10. (Previously Presented) The single phase motor of claim 8, wherein each semicircular notch is aligned with a respective stator tooth so that their centers are substantially located on the same radial axis.

11. (Previously Presented) The single phase motor of claim 8, wherein in the assembled state of the single phase motor, each of the plurality of evenly spaced semicircular notches form a flow passage.

12. (New) The single-phase motor of claim 8, wherein the plurality of slots includes large slots and small slots, the large slots being larger than the small slots and wherein the main winding is inserted in a large slot.

13. (New) The single-phase motor of claim 8, wherein the main winding is inserted into a respective slot after the auxiliary winding is inserted into a respective slot.

14. (New) The single-phase motor of claim 12, wherein an outer winding of the main winding of a concentric winding system is inserted in a large slot.